

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

HPC-7

RRID:CVCL_RB19

Type: Cell Line

Proper Citation

RRID:CVCL_RB19

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_RB19

Proper Citation: RRID:CVCL_RB19

Description: Cell line HPC-7 is a Factor-dependent cell line with a species of origin Mus musculus (Mouse)

Sex: Male

Defining Citation: [PMID:9755174](#), [PMID:19346495](#)

Comments: Characteristics: KITLG dependent.

Category: Factor-dependent cell line

Organism: Mus musculus (Mouse)

Name: HPC-7

Synonyms: HPC7, Hematopoietic precursor cell-7

Cross References: GEO:GSM397032, GEO:GSM397033, Wikidata:Q54890250

ID: CVCL_RB19

Hierarchy: cvcl_c313

Record Creation Time: 20220427T220440+0000

Record Last Update: 20260905T180459+0000

Ratings and Alerts

No rating or validation information has been found for HPC-7.

No alerts have been found for HPC-7.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Kao YR, et al. (2024) An iron rheostat controls hematopoietic stem cell fate. Cell stem cell, 31(3), 378.

Mahony CB, et al. (2023) Lineage skewing and genome instability underlie marrow failure in a zebrafish model of GATA2 deficiency. Cell reports, 42(6), 112571.

Kreutmair S, et al. (2020) Loss of the Fanconi anemia-associated protein NIPA causes bone marrow failure. The Journal of clinical investigation, 130(6), 2827.

Chen C, et al. (2019) Spatial Genome Re-organization between Fetal and Adult Hematopoietic Stem Cells. Cell reports, 29(12), 4200.